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**THE URBAN DISTRICT COUNCIL
OF HINDLEY**



**SIXTY-SIXTH
ANNUAL REPORT
OF THE
MEDICAL OFFICER OF HEALTH
TOGETHER WITH THE
REPORT OF THE
PUBLIC HEALTH INSPECTOR
FOR THE YEAR 1966**

**HINDLEY :
FRED BRADLEY & SON LTD.**

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THE URBAN DISTRICT COUNCIL OF HINDLEY

Chairman of the Council:

Councillor A. WOODCOCK

Vice-Chairman of the Council:

Councillor T. ISHERWOOD, J.P.

Members of the Council:

Councillor J. DAINTY
Councillor E. GRIME
Councillor W. HALLIDAY (from May, 1966)
Councillor H. E. HEALD, J.P.
Councillor H. HIBBERT
Councillor Miss S. HOWARTH, J.P.
Councillor H. HURST
Councillor J. LEE (to May, 1966)
Councillor H. NELSON (from May, 1966)
Councillor B. RAMSDALE
Councillor W. S. SIMMONS
Councillor W. TOPPING
Councillor J. WHITTLE
Councillor G. WILSON

Chairman of the Health Committee:

Councillor Miss S. HOWARTH, J.P.

Vice-Chairman of the Health Committee:

Councillor E. GRIME

Clerk of the Council:

J. MARSDEN, F.C.C.S., A.Comm. A.

Medical Officer of Health:

R. SCHOFIELD, M.D., Ch.B., D.C.H., D.P.H.

Official Address: 3 King Street, Wigan.

Telephone No. — Wigan 44208.

Consultant Obstetrician:

E. R. BROADBERRY, M.B., B.Ch., M.R.C.O.G.

Consultant Ophthalmic Surgeon:

H. B. BARKER, M.B., B.S. (Lond.), M.R.C.S., L.R.C.P.

County Dental Surgeon:

T. N. ASHALL, L.D.S., (Liverpool).

Public Health Inspectors:

J. T. HAMPSON, Certificate, Royal Society of Health.

Meat Inspector's Certificate—Royal Society of Health.

Smoke Inspector's Certificate—Royal Society of Health.

G. A. PILKINGTON, Certificate, Public Health Inspectors Education Board. Meat and Other Foods Inspectors Diploma, Royal Society of Health.

T. SPEAKMAN, Certificate, Public Health Inspectors Education Board. Meat and Other Foods Inspectors Diploma, Royal Society of Health.

K. ALLDRED, Diploma, Public Health Inspectors Education Board

Clerical Staff:

Miss E. RIGBY

Public Health Department,
Town Hall,
Hindley.

**To the Chairman and Members
of the Hindley Urban District Council**

Lady and Gentlemen,

I have the honour to present the Annual Report on the health of the District for the year 1966.

The report is in accordance with the instructions of the Ministry of Health, and an endeavour has been made to embrace the most important details, and particularly those which indicate the state of health of the township.

I would like to take this opportunity of tendering my best thanks to the Officials of the Council and to the staff of the Health Department for valuable help and co-operation at all times.

I desire also to express to the Members of the Public Health Committee my appreciation of the courtesy and consideration they have always displayed towards me.

I am,

Yours faithfully,

R. SCHOFIELD,

Medical Officer of Health.

1. STATISTICS AND SOCIAL CONDITIONS OF THE AREA

Area: 2,612.21 acres.

Population (Preliminary Census, 1961): 19,396.

Estimated mid-1966 (Registrar General): 21,590.

Total Number of Houses (Census, 1961): 6,466.

Number of inhabited houses at end of 1966 according to Rate Books, 7,552.

Rateable Value: £526,903.

Sum represented by a Penny Rate: £1986.304.

Hindley is essentially an industrial area. An asbestos works, rubber works, paint works, compressor assembly works, and six clothing factories, give employment to both sexes.

VITAL STATISTICS

Mothers and Infants

Live Births:—

Number	491
Rate per 1,000 population	22.7

Illegitimate Live Births:—

(Per cent of total Live Births)	3.05
---------------------------------------	------

Stillbirths:—

Number	13
Rate per 1,000 total Live and Still Births	25.8
Total Live and Still Births	504
Infant Deaths (deaths under one year)	14

Infant Mortality Rates:—

Total Infant Deaths per 1,000 total Live Births	28.5
Legitimate Infant Deaths per 1,000 Legitimate Live Births	25.2
Illegitimate Infant Deaths per 1,000 Illegitimate Live Births	133.3

Neo-natal Mortality Rate (deaths under four weeks per 1,000 total Live Births)	24.4
---	------

Early Neo-natal Mortality Rate (deaths under one week per 1,000 total Live Births)	20.4
---	------

Perinatal Mortality Rate (Stillbirths and deaths under one week combined per 1,000 total Live and Still Births)	45.6
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Maternal Mortality (including Abortion):—

Number of deaths	Nil
Rate per 1,000 total Live and Still Births	Nil

TABLE 1

Hindley U.D.C.	Live Births		Deaths (all causes)		Stillbirths		Maternal Mortality		Infant Mortality			
	No. regis- tered	Rate per 1000 pop'n	No. regis- tered	Rate per 1,000 pop'n	No. regis- tered	Rate per 1,000 total births	No. of deaths regis- tered	Rate per 1,000 total births	Total		Neo-natal	
									No. of deaths regis- tered	Rate per 1,000 live births	No. of deaths regis- tered	Rate per 1,000 live birth
Year 1966	491	22.7	301	*13.9	13	25.8	nil	nil	14	28.5	12	24.4
Year 1965	428	20.2	266	12.6	15	33.9	nil	nil	12	28.0	9	21.0
Year 1964	369	17.8	216	10.4	13	34.0	nil	nil	4	10.8	3	8.1
Year 1963 ..	371	18.0	289	14.0	11	28.8	nil	nil	8	21.6	5	13.5
Year 1962	352	17.5	250	12.4	6	16.8	nil	nil	10	28.4	5	14.2
Year 1961	293	15.0	286	14.6	11	36.2	nil	nil	13	44.4	11	37.5
Ave 5 years— 1961 - 1965	—	17.7	—	12.8	—	29.9	—	nil	—	26.6	—	18.8

* Adjusted { live birth-rate (comparability factor, 1.02) = 23.2 per 1,000
death-rate (comparability factor, 1.17) = 16.3 per 1,000

Subjoined is a Table showing the causes of the Deaths among Infants under one year of age.

TABLE II
ANALYSIS OF INFANT DEATHS

Cause of Death.	Total at					
	all periods up to 1 yr.	Under 1 Mth.	1—3 Months.	4—6 Months.	7—9 Months.	10—11 Months.
Prematurity	4	4	—	—	—	—
Dehydration & Electro- cytic Unbalance	1	—	1	—	—	—
Broncho-Pneumonia ...	2	1	—	1	—	—
Previabie Birth	1	1	—	—	—	—
Intracranial Haemorrhage	2	2	—	—	—	—
Cerebral Birth Injury	1	1	—	—	—	—
Atelectasis	1	1	—	—	—	—
Hydrops Faetalis	1	1	—	—	—	—
Asphyxia due to obstruction of the air passages	1	1	—	—	—	—

In the next Table are shown the chief causes of Death and number of deaths from each cause in 1966 as compared with the previous year:—

TABLE III

Cause of Death.	No. of Deaths.	No. of Deaths.
	1965	1966
Tuberculosis (Respiratory)	3	3
Tuberculosis (Other)	—	—
Syphilitic Diseases	—	1
Diphtheria	—	—
Whooping Cough	—	—
Meningococcal Infections	—	—

Cause of Death.	No. of Deaths.	No. of Deaths.
	1965	1966
Acute Poliomyelitis	—	—
Measles	—	—
Other Infective and Parasitic Diseases	—	—
Malignant Neoplasm—Stomach	7	7
Malignant Neoplasm—Lung, Bronchus	11	11
Malignant Neoplasm—Breast	5	5
Malignant Neoplasm—Uterus	—	1
Other Malignant and Lymphatic Neoplasms	21	24
Leukaemia, Aleukaemia	1	—
Diabetes	2	—
Vascular Lesions of Nervous Systems	40	45
Coronary Disease—Angina	39	51
Hypertension with Heart Disease	2	6
Other Heart Disease	40	32
Other Circulatory Diseases	12	13
Influenza	—	7
Pneumonia	13	15
Bronchitis	12	22
Other Diseases of Respiratory System	2	4
Ulcer of Stomach and Duodenum	—	4
Gastritis, Enteritis and Diarrhoea	—	1
Nephritis and Nephrosis	3	2
Hyperplasia of Prostate	1	—
Pregnancy, Childbirth, Abortion	—	—
Congenital Malformations	3	1
Other Defined and Ill-Defined Diseases	34	31
Motor Vehicle Accidents	3	3
All Other Accidents	9	5
Suicide	3	7
Homicide and Operations of War	—	—
	<hr/> 266 <hr/>	<hr/> 301 <hr/>

2. GENERAL PROVISION OF HEALTH SERVICES IN THE AREA

LABORATORY ARRANGEMENTS

Bacteriological examinations are carried out by the Laboratories of Wigan Royal Infirmary and the Public Health Laboratory, Manchester, and the arrangements are satisfactory. A report on every examination is made to the Public Health Department.

During 1966 reports were made to the Authority on the following specimens: 14 samples of water; 11 ice cream and 18 ice lollies.

AMBULANCE ARRANGEMENTS

During the year Infectious, Non-Infectious, Accident and Maternity Cases were dealt with by the motor ambulances belonging to the Lancashire County Council stationed at the Hindley Ambulance Station. The service was quite satisfactory.

HOSPITALS AND OTHER INSTITUTIONS AVAILABLE FOR THE DISTRICT

General Medical and Surgical:— Wigan Royal Albert Edward Infirmary; Billinge Hospital and Leigh Infirmary; Bolton Infirmary; Manchester Royal Infirmary and Salford Royal Infirmary.

Children:— Wigan Royal Albert Edward Infirmary and Pendlebury Children's Hospital.

Venereal Diseases:— Wigan Royal Albert Edward Infirmary.

Tuberculosis:— County Sanatoria and Hospitals.

Chronic Sick:— Billinge Hospital and Social Welfare Home, Frog Lane, Wigan.

Psychiatric Diseases:— Billinge Hospital.

Ear, Nose and Throat:— Wigan and Manchester Infirmaries.

Puerperal Fever and Pyrexia:— Arrangements with the Wigan and Leigh Joint Hospital Management Committee.

These facilities are duly appreciated and freely used by the inhabitants of Hindley.

3. SANITARY CIRCUMSTANCES OF THE AREA

WATER SUPPLY

The Statutory Water Undertaker is now the Makerfield Water Board, which, on the 2nd October, 1961, assumed responsibility for providing the district with a sufficient and wholesome supply of water.

The water supply is conducted from the Rivington water main of the Liverpool Corporation to a service reservoir at Westhoughton, from which it is distributed throughout the district. The supply is constant, good and sufficient, and the possibilities of contamination are very slight.

Fourteen samples were taken during 1966. Seven were submitted for chemical analysis and seven for bacteriological examination.

Of the seven chemical samples taken, six were reported to be satisfactory and one unsatisfactory.

All the samples taken for bacteriological examination were satisfactory.

All houses in the district have a piped supply of water from the main, with the exception of two houses in the fields.

DRAINAGE AND SEWERAGE

The drainage system is of the usual type, storm water and sewage being carried away in a common sewer.

Drain testing, flushing, etc., is carried out as required.

SANITARY ACCOMMODATION (at end of 1966):—

Number of Privy Middens	6
Number of Pail Closets	8
Number of Closets attached to Privy Middens ...	6
Number of Freshwater Closets	8069
Number of Waste Water Closets	Nil
Number of Dry Ashpits for Refuse	Nil
Number of Moveable Ashbins for Refuse	8159
Number of Houses on Water Carriage System ...	7538

Freshwater closet accommodation is provided for all new property erected in the district.

PUBLIC CLEANSING

A weekly collection of House Refuse is carried out by the Local Authority, under the supervision of the Public Health Inspector.

Ashbins are emptied regularly by day throughout the year, and three motor vehicles are engaged in the removal of refuse to controlled tips.

There is no destructor in the district.

The Scavenging of streets is under the supervision of the Surveyor. One mechanical sweeper and one gully emptier are in use.

CAMPING SITES

There are none in the district.

CLEAN AIR ACT, 1956

Contact is maintained between the Officers of the Health Department and the local works Managers with regard to smoke abatement.

The Authority is represented on the Manchester and District Clean Air Committee, and is a member of the National Society for Clean Air.

SWIMMING BATHS AND POOLS

There are none in the district.

DISINFESTATION

76 Premises were disinfested during the year:—

Verminous or insanitary conditions	2
Infestation by cockroaches, ants, etc.	74

Spraying and dusting with D.D.T. solution and powder has proved effective.

OFFENSIVE TRADES

There are none in the district.

COMMON LODGING HOUSES

There are none in the district.

FACTORIES AND WORKSHOPS

Regular visits were paid to factories and workshops under the Factories Act, 1961, and their condition was found satisfactory.

SCHOOLS

There are 13 schools in the district, all of which have an adequate supply of town's water.

All the schools are provided with separate W.C.s, each with its own flushing cistern and drainage to public sewers.

4. HOUSING

The township consists chiefly of working class houses, which are built in rows and old in type.

The standard of repair has been well maintained.

A revised housing survey would be necessary to ascertain reasonably accurately the extent of overcrowding in the district. During the year, three cases of known overcrowding were relieved by the allocation of Council Houses.

HOUSING STATISTICS

1. Number of new houses erected during the year:

	Houses	Flats
Total	244	Nil
(i) By the Local Authority	12	Nil
(ii) By other Authorities	Nil	Nil
(iii) By other bodies and persons	232	Nil

2. Total number of dwellings owned by Local Authority existing in district at end of year 1597

3. Inspection of dwelling-houses during the year:

(1) (a) Total number of dwelling-houses inspected formally or informally for housing defects (under Public Health or Housing Acts)	225
(b) Number of inspections, formal or informal, made for the purpose	695
(c) Number of dwelling-houses found during the year to be not in all respects reasonably fit for human habitation but capable of being rendered fit	165

(2) Total number of dwelling-houses existing at end of year which were unfit for human habitation and not capable at reasonable expense of being rendered fit and in respect of which:

(a) Demolition, Clearance or Closing Orders have been made (at any time) 60

(b) Demolition, Clearance or Closing Orders have not yet been made 262

4. **Houses Demolished:—**

	Houses Demolished	Displaced during year Persons	Families
In Clearance Areas (Housing Act, 1957):			
(1) Houses unfit for human habitation	7	18	3
(2) Houses included by reason of bad arrangements, etc.	Nil	Nil	Nil
(3) Houses on land acquired under Section 43 (2), Housing Act, 1957	Nil	Nil	Nil
Not in Clearance Areas:			
(4) As a result of formal or informal procedure under Section 17 (1), Housing Act, 1957	18	29	10
(5) Local Authority Owned houses certified unfit by the Medical Officer of Health	2	2	1
(6) Houses unfit for human habitation where action has been taken under local Acts	Nil	Nil	Nil
(7) Unfit houses included in Unfitness Orders	Nil	Nil	Nil

5. **Unfit Houses Closed:—**

	Houses Closed. Number	Displaced during year.	
		Persons	Families
(1) Under Section 16 (4), 17 (1), and S35 (1), Housing Act, 1957, and S26 Housing Act, 1961	2	2	2
(2) Under Sections 17 (3) and S26, Housing Act, 1957 ...	Nil	Nil	Nil
(3) Parts of buildings closed under Section 18, Housing Act, 1957	Nil	Nil	Nil

6. **Unfit Houses Made Fit:—**

(1) By owner after informal action by local authority	Nil
(2) After formal notice under S.9 and S.16, Housing Act, 1957:	
(a) By owner	Nil
(b) By local authority	Nil
(3) After formal notice under Public Health Acts	Nil
(4) After modification or revocation of a clearance order under S.21 Housing Act, 1961	Nil
(5) After determination of a demolition order under S.24, Housing Act, 1957	Nil
(6) After determination of a closing order under S.27, Housing Act, 1961	2

7. **Unfit Houses in Temporary Use
(Housing Act, 1957):—**

	Number of houses (1)	Number of separate dwellings contained in column (1) (2)
Position at end of year:		
(1) Retained for temporary accommodation:		
(a) Under Section 48	Nil	—
(b) Under Section 17 (2)	Nil	—
(c) Under Section 46	Nil	—
(2) Licensed for temporary occupation under Sections 34 or 53	Nil	—

8. **Purchase of Houses by Agreement:—**

	Number of houses (1)	Number of occupants of houses in column 1 (2)
Houses in Clearance Areas other than those included in confirmed Clearance Orders or Compulsory Purchase Orders, purchased during the year	Nil	Nil

9. **Housing Act, 1949, and Housing (Financial Provisions Act),
1958—Improvement Grants; Discretionary Grants:—**

	No. of dwelling houses or other buildings affected in schemes of :—	
	Private bodies or individuals	Local Authority
Action during year:		
(a) Submitted by private individuals to Local Authority	Nil	Nil
(b) Approved by Local Authority	Nil	Nil

	No. of dwelling houses or other buildings affected in schemes of :—	
	Private bodies or individuals	Local Authority
(c) Submitted by Local Authority to Ministry ...	Nil	Nil
(d) Finally approved by Ministry	Nil	Nil
(e) Work completed	1	Nil
(f) Additional separate dwell- ings included in (e) above	Nil	Nil
(g) Any other action taken under the Act	None	

10. **HOUSE PURCHASE AND HOUSING ACT, 1959, AND HOUSING ACTS, 1961 AND 1964—STANDARD GRANTS**

Action during year:—

(i) Applications submitted to Local Authority for improvement to full standard	72
(ii) Applications approved by Local Authority for improvement to reduced standard	Nil
(iii) Total applications approved by Local Authority	67
(iv) Work completed (Grant payment made)	35
(v) Particulars of any action taken relating to com- pulsory improvement of dwellings no compulsory action taken	

11. **HOUSING ACT, 1957, S.92**

Particulars of any action during year:—

The Council have built 12 houses, each with a fixed bath in
a bathroom, on land bought for the purpose. No other build-
ings have been converted to houses. No houses have been
acquired. No houses in which the Council have an interest

have been altered, enlarged, or improved. Normal maintenance only has been carried out.

A fair wage clause is inserted in all contracts for the erection of houses.

12. **APPROXIMATE NUMBER OF:**

(i) Back-to-back houses	None
(ii) Back-to-earth houses	None
(iii) Other houses without through ventilation	None

5. INSPECTION AND SUPERVISION OF FOOD

(a) MILK

An adequate supply of milk is produced within, or is brought into, the district.

(b) FOOD

Routine inspections are made of foodshops, etc., and it was not found necessary to take any legal proceedings during the year.

6. PREVALENCE OF AND CONTROL OVER, INFECTIOUS DISEASE

During 1966 cases of Infectious Diseases requiring hospital treatment were removed to the Whelley and Astley Hospitals of the Wigan & Leigh Hospital Management Committee.

24 cases of Scarlet Fever were notified during the year, as against seven in 1965. No cases were removed to hospital.

No cases of Diphtheria were notified during the year.

Supplies of Diphtheria Antitoxin are kept at the Divisional Health Office and local Hospitals.

The following statistics show the number of persons resident in Hindley who were immunised and vaccinated:—

	Primary		Re-inforcement	
	0-4	5-15	0-4	5-15
	Yrs.	Yrs.	Yrs.	Yrs.
Diphtheria	371	14	120	29
Whooping Cough	371	11	120	6
Tetanus	371	14	120	32
Poliomyelitis	328	48	7	102

	Primary		Re-vaccination	
	0-4	5-15	0-4	5-15
	Yrs.	Yrs.	Yrs.	Yrs.
Smallpox Vaccination	167	13	12	3

No preliminary and no post-Schick tests were undertaken.

No immunisation against the Enteric Group was undertaken during 1966.

No local action has been taken with regard to the use of measles serum for prophylaxis or attenuation, and there are no existing facilities for the typing of pneumococci and for the provision of appropriate type sera.

The general standard of cleanliness and habits in the district remains high, and the cases of infestation by head lice dealt with at the Clinic were few and were successfully treated with D.D.T. Emulsion.

No cases of food poisoning were notified during the year.

INSPECTION AND SUPERVISION OF FOOD

The work necessary to implement the provisions of the Food Hygiene (General) Regulations, 1960, has continued during the year.

Food traders generally have co-operated and formal action by way of prosecutions has not been necessary.

Number of food premises in the district at the end of the year:—

Type of business.	No.
General Grocers and provision dealers	122
Greengrocers and fruiterers (including those selling wet fish, game, etc.)	19
Fishmongers (including those selling poultry, game, etc.)	8
Meat shops (butchers, purveyors of cooked and preserved meats, tripe, etc.)	25
Bakers and/or confectioners	19
Fried fish shops	19
Shops selling mainly sugar confectionery, minerals, ice-cream, etc.	16
Licensed premises, clubs, canteens, restaurants, cafés, snack-bars, and similar catering establishments	89
Others	4

Number of food premises registered under Sections 115 and 116 of the Lancashire County Council (Rivers Board and General Powers) Act, 1938:—

Type of business.	Number registered 31 12/56	Number of inspections during the year.
Premises registered for the sale of ice-cream and preserved food	90	45
Food Hawkers' Storage premises	4	4

During the year small quantities of foodstuffs have been surrendered. Blown tins, etc. have been buried at the foot of the refuse tip.

NATIONAL ASSISTANCE ACT, 1948

No action was taken by the Authority during the year under Section 47 of this Act.

NOTIFIABLE DISEASES DURING 1966
TABLE IV

Number of cases of Infectious Disease notified; number of Deaths from these Diseases; number of cases removed to Hospital; and Deaths in Hospital during the year 1966

DISEASE	Total Cases All Ages	Under 1	1—	2—	3—	4—	5—	10—	15—	25 and Over	Age Unknown	Total Deaths	Total Cases removed to Hospital	Deaths in Hospital persons belonging to district
Smallpox	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Scarlet Fever	24	—	—	—	1	1	20	2	—	—	—	—	—	—
Diphtheria, including Membranous Croup ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Enteric or Typhoid Fever (excl. Paratyphoid) ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Paratyphoid Fever	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Measles (excl. rubella)...	67	2	15	17	9	15	8	1	—	—	—	—	1	—
Whooping Cough	1	—	1	—	—	—	—	—	—	—	—	—	—	—
Acute Pneumonia (pri- mary and influenzal)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Puerperal Pyrexia	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Meningococcal Infection	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Acute Poliomyelitis—														
Paralytic	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Non-paralytic	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Acute Encephalitis—														
Infective	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Post Infectious	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dysentery	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ophthalmia Neonatorum	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Erysipelas	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Food Poisoning	—	—	—	—	—	—	—	—	—	—	—	—	—	—
TOTALS	92	2	16	17	10	16	28	3	—	—	—	—	1	—

DISINFECTION

Disinfection of premises and materials is carried out by the staff of the Public Health Department.

All dwelling-houses are dealt with on death, removal to hospital, or release from isolation of infectious cases.

During 1966 six houses were disinfected by the Department.

Houses are disinfected by the method of Formalin Spray, and it is usual in the district to disinfect after Phthisis.

The Council's Disinfector Station was used during the year.

CANCER

48 deaths (32 males and 16 females) were certified as due to Cancer during the year.

Facilities for Radium treatment are available to Hindley residents at the Radium Institute, Manchester, and at the Wigan Infirmary, which, for this purpose, is a sub-clinic of the Manchester Centre.

PREVENTION OF BLINDNESS

No local action has been taken under Section 176 of the Public Health Act, 1936, for the prevention of blindness, or for the treatment of persons suffering from any disease or injury to the eyes.

The administration of the Blind Persons Act, 1920, is undertaken in this area by the staff of the County Medical Officer of Health.

TUBERCULOSIS

This service is under the control of the Regional Hospital Board, and Hindley cases attend at the Chest Clinic, Millgate, Wigan.

Five new cases of Tuberculosis were notified during 1966, all being cases of Respiratory Tuberculosis. Three deaths were registered during the year from Respiratory Tuberculosis.

Notification of the disease in the district is quite satisfactory, and no action has been necessary under the Public Health Act, 1936, relating to the compulsory removal of tuberculous patients to Hospital.

The subjoined Table shows the new cases of Tuberculosis and the deaths in age groups.

TABLE V
TUBERCULOSIS

Age Periods	NEW CASES.				DEATHS.			
	Respiratory M	F	Non-Respiratory M	F	Respiratory M	F	Non-Respiratory M	F
0—1	—	—	—	—	—	—	—	—
1—2	—	—	—	—	—	—	—	—
2—5	—	—	—	—	—	—	—	—
5—10	—	—	—	—	—	—	—	—
10—15	—	—	—	—	—	—	—	—
15—20	—	—	—	—	—	—	—	—
20—25	1	—	—	—	—	—	—	—
25—35	—	—	—	—	—	1	—	—
35—45	2	—	—	—	—	—	—	—
45—55	—	—	—	—	—	1	—	—
55—65	2	—	—	—	1	—	—	—
65—75	—	—	—	—	—	—	—	—
upwards	—	—	—	—	—	—	—	—
TOTAL	5	—	—	—	1	2	—	—
	5		—		3		—	

TABLE VI.

Causes of and Ages at Death for the Year 1966.

Causes of Death.	Nett Deaths at the subjoined Ages of Residents whether occurring within or without the District.																					
	Under 1		1 to 4		5 to 14		15 to 24		25 to 34		35 to 44		45 to 54		55 to 64		65 to 74		75 and over		TOTAL All ages	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
1—Tuberculosis, Respiratory	1	...	1	1	...	...	...	...	...	...	...	1	2	...	...
2—Tuberculosis, other
3—Syphilitic Disease
4—Diphtheria	1	...	...	...	1	...	...	...
5—Whooping Cough
6—Meningococcal Infections
7—Acute Poliomyelitis
8—Measles
9—Other Infective and Parasitic Diseases
10—Malignant Neoplasm, Stomach
11—Malignant Neoplasm, Lung, Bronchus	3	1	1	2	...	...	4	3	...	...
12—Malignant Neoplasm, Breast	6	...	3	...	2	...	...	11	...	...	...
13—Malignant Neoplasm, Uterus	1	2	...	...	...	2	...	...	...	...	...	...	5	...	...
14—Other Malignant and Lymphatic Neoplasms	2	...	...	...	...	...	...	...	1	2	...	1	...	...	...	...	...	...	1	...	...
15—Leukaemia; Aleukaemia	6	2	5	2	1	3	17	7	...	...	...
16—Diabetes
17—Vascular Lesions of Nervous System
18—Coronary Disease, Angina	2	6	4	9	3	9	6	6	6	32	19	...	...
19—Hypertension with Heart Disease	1	...	...	...	2	1	2	...	2	4	...	...
20—Other Heart Disease	1	2	3	1	3	7	5	10	12	20	...	...	...
21—Other Circulatory Disease	1	...	1	...	3	8	4	9	...	...	...
22—Influenza	1	...	...	...	...	...	...	...	...	...	...	...	...	2	...	1	3	4	3	...	...	...
23—Pneumonia	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24—Bronchitis	1	4	1	1	4	2	12	3	...	...	...	...
25—Other Diseases of Respiratory System	6	1	8	5	2	19	3	...	...	...	...
26—Ulcer of Stomach and Duodenum	1	...	...	...	...	...	...	1	1	...	...	...	1	...	...	3	1	...	...	...	...
27—Gastritis, Enteritis and Diarrhoea	1	...	...	2	1	3	1	...	...	...	...
28—Nephritis and Nephrosis	1	...	...	...	...	1	...	...	...	...
29—Hyperplasia of Prostate	1	...	1	...	1	1	...	...	...	...
30—Pregnancy, Childbirth, Abortion
31—Congenital Malformations
32—Other Defined and Ill-defined Diseases	3	8	1	...	...	...	...	...	...	1	2	3	...	4	2	2	5	8	23	...	...	...
33—Motor Vehicle Accidents	1	1	...	...	...	...	...	...	...	1	...	...	...	...	...	2	1	...	...	...
34—All other Accidents	1	1	...	...	...	...	1	...	...	...	...	1	...	1	...	...	...	5	...	...	...	...
35—Suicide	1	1	...	1	...	...	...	2	1	...	...	4	3	...	...	...
36—Homicide and Operations of War
TOTALS	6	8	6	1	2	2	2	5	5	13	12	44	22	43	35	35	60	157	144	...	...	...

Public Health Inspector's Report for 1966.

To the Chairman and Members of the Public Health Committee

Lady and Gentlemen,

I have pleasure in presenting for your consideration my Annual Report of the work of the Health Department for the year 1966.

The work has, in the main, been satisfactory; the sanitary circumstances of the district have been kept under close observation and attention has been given to the administration of health measures generally.

During the year, general inspections of all the premises registered under the Offices, Shops and Railway Premises Act, 1963, were carried out.

Staff

The department has been fully staffed and the joint use of Public Health Inspectors with Abram Urban District Council continued during the year.

SUMMARY OF VISITS AND INSPECTIONS

Nuisances or contraventions discovered	1578
Nuisances or contraventions abated	1329
Houses and premises visited	1593
Number of visits and re-visits	4378
Number of visits to food premises and shops	183
Number of visits to factories	53
Number of visits re drainage	235
Number of visits re refuse collection, disposal and salvage	515
Number of visits re infectious disease	23

Number of visits re rodent control	71
Number of visits re caravans	161
Number of visits re offices, shops and railway premises ...	115
Number of houses disinfected	6
Number of informal notices	375
Number of statutory notices	46
Number of letters sent	315

SUMMARY OF NUISANCES DEALT WITH

Defective water supply and cistern and W.C. pedestals ...	36
Defective and choked drains	132
Defective roofs	49
Defective gutters and downspouts	32
Irregular and insanitary yard surfaces	—
Defective brickwork to yard and other walls	34
Chimney stacks, smoky chimneys	16
Dilapidated refuse receptacles	256
Dampness	34
Defective doors, door frames, windows and window frames	80
Insanitary sinks and waste pipes	6
Defective grates and washboilers	6
Defective plasterwork	41
Defective floors	10
Insanitary condition of premises	5
Living vans unauthorised	256
Insanitary condition of factories and workshops	—
Other nuisances	12

HOUSING, INCLUDING SLUM CLEARANCE PROGRAMME

During the nine years 1956 to 1964, 306 houses were dealt with under the provisions of the Housing Acts, with the following results:—

Closing Orders	17
Demolition Orders	246
Clearance Orders	33
Voluntary Undertaking to demolish	1
Houses made fit	9

A further plan to deal with 80 houses within three years commenced in 1964.

The following figures will give an indication of the progress made during the three years:—

	1964	1965	1966
Closing Orders made	4	6	1
Demolition Orders made	34	30	16
Voluntary undertaking to demolish ...	1	—	—
Undertakings to make fit received	—	—	2
Houses made fit	—	—	2
Closing Orders revoked	—	—	2
Houses included in Clearance Orders	6	7	32
Houses demolished	50	41	27
Families re-housed	34	42	16
Number of persons re-housed	125	130	51

These figures show that the target figure was exceeded as 139 dwellings were dealt with during the three years. The decreases in the number of houses demolished and families re-housed during 1966 was due to the fact that 12 houses only were built by the Council during the year and re-lets only were available.

At the end of the year the Council decided to deal with 300 dwellings under the provisions of the Housing Acts during the next five years, 1967 to 1971.

The number of dwellings built by speculative builders during the year was 232 as compared with 201 for the previous year.

We are still fortunate in having land within our district which is available for development.

APPLICATIONS FOR COUNCIL HOUSES

The following figures, supplied by the Housing Manager, show the position at the end of 1966:—

Total number of applications on list	199
Total number of applications for bungalows	36
Total number of applications by persons living in lodgings	59

Rent Act, 1957

This Act allowed the nett rent of dwelling houses, subject to certain conditions, to be raised to a sum equal to twice the gross value.

No applications for Certificates of Disrepair or for Cancellation of Certificates of Disrepair were received.

From the above, it will be seen that no formal action under the Rent Act, 1957, has been necessary during the year. It would appear that tenants prefer action to be taken by the Local Authority under the provisions of the Public Health Acts when repairs are necessary.

Housing Act, 1958

Section 43 permits Councils to advance money to applicants for the purchase of dwelling-houses in their district.

The Council make advances in respect of houses which comply with their standard of fitness.

All such houses are inspected by the Public Health Inspector prior to valuation by the Surveyor.

19 advances were made during the year.

House Purchase and Housing Act, 1959

This Act, as amended by the Housing Acts 1961 and 1964, made two kinds of grant available for modernising older houses:—

(1) The Standard Grant, under which house owners can obtain, as a right, half the cost, subject to certain maximum

amounts, of installing five basic improvements: (a) fixed bath or shower; (b) wash-hand basin; (c) hot water system; (d) water closet in the dwelling and (e) a food store.

(2) The Discretionary Grant, under which half the estimated cost of more extensive improvements, reconditioning, and conversion or adaptation of large houses or other buildings may be paid at the discretion of the Council, but again subject to a certain maximum amount.

Standard Grants

During the year, 67 applications were approved and 79 grants were made for work completed satisfactorily.

The following indicates the numbers of the five standard amenities provided during the year:—

(a) fixed baths	59
(b) wash-hand basins	71
(c) hot water systems	69
(d) water-closets in the dwellings	78
(e) satisfactory facilities for storing food	68

There can be no doubt that the provision of the above-named amenities must be beneficial to the public health. Possibly the introduction of this scheme may result in raising the present fitness standard in the Housing Act, 1957.

Discretionary Grants

Action taken during year:

	No. of dwelling houses or other buildings affected in schemes of:	
	Private bodies or individuals	Local Authority
(i) Submitted by private individuals to Local Authority	Nil	—

No. of dwelling houses or other buildings affected in schemes of:		
	Private bodies or individuals	Local Authority
(ii) Approved by Local Authority	Nil	—
(iii) Submitted by Local Authority to Ministry	Nil	—
(iv) Finally approved by Ministry	Nil	—
(v) Work completed	1	—
(vi) Additional separate dwellings included in (v) above	Nil	—

Council Houses

12 houses were built during the year.

At the end of 1966 the total number of Council houses was 1597 (1579 houses, 18 flats), 981 of which are of a post-war type.

PUBLIC CLEANSING

The collection and disposal of refuse is carried out by the Local Authority under the supervision of the Chief Public Health Inspector.

Collection

Apart from the two weeks of the Christmas and New Year holidays when three working days were lost and dustbins emptied once, a weekly collection was maintained.

To do this, overtime was worked during Bank Holiday weeks and a system of staggered holidays for workmen employed on the refuse collection service was introduced.

For the first time, we were free from complaints about dustbins not being emptied during and immediately after the two annual holiday weeks.

Details of the vehicles are as follows:

- (1) Karrier—18 cubic yard capacity with compression plate, pressing to the equivalent of 24 cubic yards. Large cab accommodates driver and crew. Date of original registration: 8th May, 1964.
- (2) Karrier—12 cubic yard capacity, dual tip, rear loader. Large cab accommodates driver and crew. Date of original registration: 13th April, 1962.
- (3) Karrier—12 cubic yard capacity, dual tip, rear loader. Standard single cab. Date of original registration: 3rd March, 1961.

These vehicles are in regular use with a driver and a team of four men. Each vehicle tows a 5 cubic yard all steel salvage trailer.

- (4) Karrier—12 cubic yard capacity side loader with double cab. Date of original registration: 18th March, 1959.
- (5) Karrier—7 cubic yard capacity, side loader with standard single cab. Date of original registration: 14th June, 1954.

These vehicles were retained for use as spares to be used in any emergency in the Health, Surveyor's and Housing Departments.

Incentive Bonus Scheme

The scheme which was introduced in November, 1965, for a trial period of three months remained in operation, with modifications, during the year.

The scheme provides for the employment of 15 men and the use of three vehicles.

Two vehicles, each with a driver and four men, were used full time on refuse collection.

The third team, driver and four men, emptied dustbins on three days, collected and pressed salvage on one and a half days and prepared market stalls on one half day per week.

The amount of bonus paid is approximately one-third of the basic wage.

REFUSE COLLECTION

Disposal

During the year refuse was disposed of at two tips:

- (1) Liverpool Road, Platt Bridge, and
- (2) Leigh Road, Hindley Green.

The Liverpool Road tip served the Hindley and Platt Bridge districts and Leigh Road the Hindley Green district.

By the use of these two tips, haulage was cut down to a minimum as the hauls are comparatively short.

At Liverpool Road refuse was tipped into the cutting of a disused mineral line and by the end of the year one-third of an acre out of the one and one-third acres originally available remained to be filled.

The tip was expected to last only four or five months.

It is still most important, therefore, that new tipping areas should be decided upon.

At Leigh Road an area of two acres out of an original area of seven acres of low-lying land remain to be filled, so the life of this tip is comparatively short.

Disposal has been carried out satisfactorily by the use of the Council's Mechanical shovel.

The amount of refuse continues to increase with the growth of housing accommodation.

At the end of the year there were 8,159 dustbins to be emptied weekly.

The number of loads of refuse removed during the year was 3,224 and the weight approximately 6,800 tons.

During the year, posts and bars which could be kept locked when not in use, were fixed at the entrances to both tips to prevent unauthorised tipping and access to caravans.

Regional Refuse Tip

During the year, Members and Officials of the Council attended meetings at County Hall with regard to taking part in the County Council's scheme for the reclamation of the Hey Brook Area of Abram.

DUSTBINS

Since May, 1951, the Council have exercised their powers under Section 75/3 of the Public Health Act to supply dustbins for domestic refuse, such expenditure being charged against the General Rate Fund.

During the year 256 dilapidated dustbins were replaced and 204 supplied to new houses.

TRADE REFUSE

Small quantities of trade refuse are collected at the same time as domestic refuse.

A charge of 9d. per bin is made for this service and £32 10s. 3d. was received during the year.

Larger quantities of refuse are moved from business premises at times arranged between the trader and the Council.

Charges are made for the use of the Council's vehicles and workmen.

Traders and builders within our district are permitted to deliver refuse direct to the disposal tips by arrangement with the Council.

No charge is made for this use of the tips.

SALVAGE

Baled waste paper is sold to the Thames Board Mills Ltd.. under a five-year contract.

The separate Salvage Bonus Scheme was incorporated in the Refuse Collection Incentive Bonus Scheme as from the 29th November, 1965.

One man is employed regularly on baling.

1965						
	Tons	Cwts.	Qrs.	£	s.	d.
Waste Paper	145	11	2	1291	17	5
1966						
	Tons	Cwts.	Qrs.	£	s.	d.
Waste Paper	116	3	0	1059	9	11

MILK SUPPLY

The Milk (Special Designations) (Specified Areas) (No. 2) Order, 1958, came into operation on the 1st October, 1958.

Under this Order the Urban District of Hindley was included in Specified Area No. 8, in which only designated milk may be sold by retail for human consumption.

Number of registered distributors operating from dairies in the district: 4.

From the 1st January, 1961, licences for the sale of designated milk have been granted by the County Council and cover a five year period.

MILK SAMPLES

(i) Samples for Biological Examination:—

	No. of samples submitted	Positive	Results Negative	No result
(a) Tuberculosis	Nil	—	—	—
(b) Brucellosis — Ring Test	Nil	—	—	—
(c) Brucellosis—Culture Test	Nil	—	—	—
(d) Brucellosis — Bio- logical Test	Nil	—	—	—

(ii) Samples for Statutory Tests:—

	No. of samples submitted	Satis- factory	Results Unsatis- factory	Void samples
Raw Milk:				
(a) Methylene Blue Test ...	1	1	Nil	Nil
Heat Treated Milk:				
(b) Methylene Blue Test ...	4	4	Nil	Nil
(c) Phosphatase Test	4	4	Nil	Nil
(d) Turbidity Test	3	3	Nil	Nil
(e) Colony Count Test ...	Nil	Nil	Nil	Nil

MEAT INSPECTION

There are no slaughterhouses in the district.

UN SOUND FOOD

The following table denotes the various foodstuffs found to be unfit for human consumption, all of which were voluntarily surrendered:—

Tinned Goods

Nature of Food	Amount surrendered
Fish	29 lbs. 15 ozs.
Milk or Milk Products	102 lbs.
Vegetables	281 lbs. 11 ozs.
Fruit and Fruit Juice	618 lbs. 3 ozs.
Soup	202 lbs. 1 oz.
Meat	124 lbs. 2 ozs.
Ham	154 lbs. 15 ozs.
Frozen Foods	426 lbs. 15 ozs.
Pork	80 lbs.
Corned Beef	4 lbs.
Corned Mutton	6 lbs.
Offal	70 lbs.
Ox Tongue	7 lbs.
Lamb	9 lbs.
Beef	124 lbs.
Kidney	85 lbs.
Liver	70 lbs.
Grapes	10 lbs.
Meat at Retail Shops	445 lbs.
Canned Meats	289 lbs.
Fish	30 lbs.
Fruit and Vegetables	910 lbs.
Other Foods	740 lbs. 11 ozs.

BAKERIES AND BAKEHOUSES

The number of bakeries and bakehouses in the district is 19. Periodical inspections are made. In a few instances it has been necessary to draw occupiers' attention to minor defects. In each case these matters were given prompt attention.

FOOD AND DRUGS ACT, 1955

The County Council is the Authority responsible for the carrying out of the provisions relating to food sampling.

The following samples have been taken in the district and submitted for analysis by the County Council Sampling Officer:

Milk (formal samples)	58
Sago	1
Ground Cloves	1
Baking Powder	2
Colouring Material	2
Cornflour	1
Meat, canned	1
Milk Chocolate	1
Sweets	2
Tapioca	1
Hypen Tablets	1
Castor Oil B.P.	1
Vitamin "C" Tablets	1
Throat Lozenges	1
Rum	2
Whisky	2
Brandy	1
Gin	1
Pickles	2
Fruit Curd	2

Liquid Mustard	1
Tincture of Iodine, B.P.	2
Pork Sausages	2
Flour Confectionery	3
Plain Flour	2
Fresh Fruit	1
Cooking Fat	1
Iodine Paint, B.P.C.	1
Ice-Cream	4
Ice-Lollies	3
Cheese Spread	2
Fish, canned	4
Soup, canned	2
Sponge Pudding Mixture, sweetened	1
Chocolate Sponge Mixture, sweetened	1

All the samples were reported by the County Analyst to be genuine, with the exception of the following:

Sample	Result of Analysis	Action Taken
Formal milk	Freezing point indicated the presence of 1.8% extraneous water	Producer cautioned and further sample obtained
Informal milk	Contained 0.05 International Unit Penicillin per ml.	Dairy notified
Flour confec- tionery	Contained 5% skimmed milk powder calculated on the dry cake but no milk fat was present. The use of the word "Dairy" is undesirable when no whole milk solids are present	Bakers communi- cated with
Ice lollies	Label bore misprint ALGIN- ADE for ALGINATE	Manufacturer informed
Formal milk (Channel Islands)	Contained 3.8% fat. Deficient 5% fat	Producer cautioned and further sample obtained

ICE CREAM

There is one manufacturer in the district. The premises, heat treatment plant and equipment are consistent with modern standards and a high degree of cleanliness is maintained. The number of retailers of iced products continues to increase, and we now have 91 on the register. These are chiefly grocers' shops and mixed businesses. Each is provided with a modern refrigerator and sells a pre-packed product.

Eleven samples were submitted to the Methylene Blue test. Ten were satisfactory and one unsatisfactory (grade 3).

ICE LOLLIES

18 samples were submitted for bacteriological examination. 15 were satisfactory and three unsatisfactory (E. Coli present).

FOOD PREMISES

Inspections were again carried out during the year, with a view to attaining and maintaining a high standard of hygiene in relation to premises and to the handling of food and compliance with the Food Hygiene (General) Regulations, 1960. Food premises generally were found to have improved.

Floors, walls and ceilings have generally been kept clean and new materials have been used to make impervious, easily cleaned surfaces. Repair and re-decoration have been carried out, after service of informal notices. Refrigerators, display cabinets and protective screens to avoid the possibility of contamination have been provided in some shops.

LICENSED PREMISES

As was the case last year, special attention was paid to licensed premises.

Three premises were modernised and provided with indoor sanitary conveniences during the year.

INFECTIOUS DISEASES

Each house is visited and enquiries made relative to the source of infection and general home conditions. Recommendations are made and advice given regarding isolation of the patient and care to be exercised by contacts.

Public Library books from infected premises are taken over by the Public Health Department and disinfected before being returned to the Library for re-distribution. Books in an unserviceable condition are, by arrangement with the Librarian, destroyed.

All houses are disinfected after various forms of infectious disease, including Tuberculosis, with a solution of Formalin.

During the year, six houses were disinfected after infectious disease.

Number of articles destroyed, chiefly flock beds and mattresses: 95.

DISINFECTION

Disinfectants supplied free (liquid and powder), special bottles being provided for the liquid. A charge of 6d. is made for the first bottle and is renewed free in exchange for the empty bottle. During the year 371 bottles were supplied, 125 sales and 246 re-issues.

FACTORIES ACT, 1961

Part 1 of the Act

1. INSPECTIONS for purpose of provisions as to health (including inspections made by Public Health Inspectors).

Premises (1)	Number on Register (2)	Inspections (3)	Number of Written Notices (4)	Occupiers Prosecuted (5)
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be en- forced by Local Authority	1	2	Nil	Nil
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	52	26	1	Nil
(iii) Other premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises ...	21	25	Nil	Nil
Total	74	53	1	Nil

2. Cases in which DEFECTS were found.

Particulars (1)	Number of cases in which defects were found				Number of cases in which prosecutions were instituted (6)
	Found (2)	Remedied (3)	Referred To H.M. Inspector (4)	By H.M. Inspector (5)	
Want of Cleanliness (S.1)	Nil	Nil	Nil	Nil	Nil
Overcrowding (S.2)	Nil	Nil	Nil	Nil	Nil
Unreasonable Tem- perature (S.3) ...	Nil	Nil	Nil	Nil	Nil
Inadequate ventila- tion (S.4)	Nil	Nil	Nil	Nil	Nil
Ineffective drainage of floors (S.6) ...	Nil	Nil	Nil	Nil	Nil
Sanitary Conveniences(S.7)					
(a) Insufficient .	Nil	Nil	Nil	Nil	Nil
(b) Unsuitable or defective ...	1	1	Nil	1	Nil

Particulars (1)	Number of cases in which defects were found		Referred		Number of cases in which prosecutions were instituted (6)
	Found (2)	Remedied (3)	To H.M. Inspector (4)	By H.M. Inspector (5)	
(c) Not separate for sexes ...	Nil	Nil	Nil	Nil	Nil
Other Offences against the Act (not including offences relating to Out-work)	Nil	Nil	Nil	Nil	Nil
Total ...	1	1	Nil	1	Nil

Part VIII of the Act

3. Outwork. (Section 133 and 134).

Nature of Work (1)	SECTION 133			SECTION 134		
	No. of out-workers in August list required by Sec. 133(1)(c) (2)	No. of cases of default in sending lists to the Council (3)	No. of prosecutions for failure to supply lists (4)	No. of instances of work in un-wholesome premises (5)	Notices served (6)	Prosecutions (7)
Clothing Manufacture (sewing)	5	Nil	Nil	Nil	Nil	Nil
Total	5	Nil	Nil	Nil	Nil	Nil

REGISTERED PREMISES

Air Compressing Machine Assemblers ...	1
Bakers and Confectioners	10
'Bus Depot	1
Building Operations	21
Builders	5
Brickworks	1

Conveyor Belting Manufacturers	2
Clothing Manufacturers	7
Dry Cleaners	1
Glove Manufacturers	1
Gas Holders	1
Iron Foundry	1
Motor Vehicle Repairers	5
Printers	5
Paint Works	2
Plastic Moulding	2
Rubber Moulding	1
Sheet Metal Works	1
Sectional Wooden Buildings	2
Shoe Repairers	1
Tyre Repairers	1
Television Repairers	1
Upholsterers	1
	—
	74
	—

OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963

This Act makes provision for securing the health, safety and welfare of persons employed to work in offices, shops and certain railway premises.

Premises of this type must be registered with the Local Authority.

During the year all the premises so registered were inspected. No exemptions have been granted and no prosecutions instituted. Whilst some of the welfare provisions are similar to that required by other legislation already being enforced by Public Health Inspectors, much of it is new.

Important aspects of this new work include provisions relating to the guarding of machinery and the notification and investigation of accidents.

In this connection there has been close co-operation with H.M. Deputy Superintending Inspector of Factories and the Area Factory Inspectorate.

The following tables, extracted from the annual report made to the Safety, Health and Welfare Department of the Ministry of Labour, show the types of premises inspected and conditions found during 1966.

Table A. Registrations and general inspections:—

CLASS OF PREMISES	Number of premises registered during the year	Total number of registered premises at the end of year	Number of registered premises receiving a general inspection during the year
Offices	7	27	27
Retail shops	2	64	64
Wholesale shops, warehouses...	1	5	5
Catering establishments open to the public, canteens	1	19	19
Fuel storage depots	—	—	—
Totals ...	11	115	115

Table B. Number of visits of all kinds by Inspectors to registered premises: 169.

Table C. Analysis of persons employed in registered premises by workplaces:—

Class of Workplace	Number of persons employed
Offices	78
Retail shops	218
Wholesale departments, warehouses	33
Catering establishments open to the public, Canteens	85
Fuel storage depots	—
Total	414
Total males	192
Total females	222

The following table shows the main requirements of the Act to which the attention of the occupiers has had to be drawn:

Requirement	Section	No. of infringements found	No. of infringements remedied
Cleanliness	4	33	14
Overcrowding	5	—	—
Temperature	6	1	1
Ventilation	7	—	—
Lighting	8	11	10
Sanitary Conveniences	9	7	4
Washing facilities	10	13	11
Accommodation for clothing	12	2	2
Floors, passages and stairs	16	30	13
First Aid provisions	24	16	11
Abstract of the Act	50	6	2
Absence of thermometer	—	9	6
Failure to register	—	1	—
Totals ...	—	129	74

The following is an analysis of reported accidents:

	Cause	Code No.	Premises
1.	Collision with fixture	14	Retail shop
2.	Moving barrels	15	Catering establishment
3.	Fall from ladders	10	Wholesale premises

CLEAN AIR ACT, 1956

Domestic Smoke

Smoke Control Areas

Hindley No. 1 Smoke Control Area became operative on the 1st July, 1962. The area covers approximately 113 acres on the Castle Hill and Hollins Housing Estates and included 419 Council houses and three privately owned houses.

Development has proceeded on the Hollins site and all the new houses and bungalows are within the No. 1 Smoke Control Area. The bungalows (62) are heated by means of electric under-floor heating, but the houses are provided with approved coke grates and gas ignition.

Hindley No. 2 Smoke Control Area became operative on the 1st November, 1963. This area covers approximately 112 acres immediately to the south of the No. 1 area and includes 306 Council houses on the Wooddagger Estate and 295 privately-owned houses, mainly in George Street and Atherton Road.

During the year 1965 the Health Committee give consideration to the difficulties which were said to have arisen from:

- (1) The continued shortage of premium smokeless fuels and a possible shortage of gas coke, at a time when the open fire is still widely preferred.
- (2) Miners' concessionary coal

- (3) Hardships to pensioners, including higher cost of fuel.
- (4) The greater expenses of installing the alternative closed stove;

and decided not to proceed with the making of further Smoke Control Orders.

Industrial Smoke

Informal action only has been necessary during the year.

RODENT CONTROL

One part-time operative is employed by the Authority. All complaints of infestation by rats and mice were effectively dealt with and the operative made frequent inspections throughout the district. Farms, refuse tips, sewage disposal works, municipal undertakings and private premises were kept under observation and infestations attacked, with excellent results.

The following table indicates the nature and extent of the work carried out:—

	Type of Property	
	Non-Agricultural	Agricultural
(a) No. of properties in district	7827	26
(b) No. of properties inspected	496	12
(c) No. of properties inspected which were found to be infested by:		
Rats	337	3
Mice	43	—
(d) No. of infested properties treated	380	3
(e) Any other action	10% Test Treatment of Sewers	

The Council give a free service for the treatment of infesta-

tions found at dwelling-houses, a charge being made for the treatment of business premises.

THE RAG FLOCK AND OTHER FILLING MATERIALS ACT, 1951

This Act is designed to secure the use of clean filling materials in the manufacture of upholstered and other prescribed articles which are stuffed or lined, such as bedding, toys, and baby carriages.

All premises on which rag flock and other filling materials are so used must be registered by the local Authority.

One premises where upholstery work is carried on is registered by the Council.

SCRAP METAL DEALERS ACT, 1964

This Act, which came into operation on the 1st April, 1965, requires Scrap Metal Dealers to be registered with the Local Authority in whose area they carry on business.

A registration must be renewed every three years.

Two dealers carrying on business from premises in the area are registered.

Two itinerant dealers were registered during the year, after consultation with the police as required under the provisions of the Act, making a total of 10 within the district.

PET ANIMALS ACT, 1951

This Act provides for the licensing and inspection of pet shops by Local Authorities. Its main purpose is to secure suitable accommodation and treatment of animals during the time they are kept on the premises awaiting sale.

One pet shop was licenced during the year.

ANIMAL BOARDING ESTABLISHMENTS ACT, 1963

This Act prohibits the keeping of a boarding establishment for animals — dogs or cats — except under the authority of a licence granted by the Local Authority.

In determining whether to grant a licence or not, the Local Authority must have regard to the need for securing that:

- (a) the accommodation is suitable.
- (b) the animals will be adequately fed, watered, bedded, exercised and visited.
- (c) precautions will be taken to prevent the spread of disease and against fire.
- (d) a register of all animals boarded will be kept open for inspection.

The Council have appointed a local veterinary surgeon to act as their Authorised Officer for the purposes of the Act.

One establishment was registered during the year.

CARAVAN SITES AND CONTROL OF DEVELOPMENT ACT, 1960

Moveable Dwellings

We have no licenced caravan sites in the district.

The number of caravans stationed on land without the owners' consent increased during the year: 256 as against 157 in 1965.

A great deal of your Inspectors' time was still taken up in coping with the repeated complaints made by local residents, mainly in the Platt Bridge area, that serious nuisances were arising from the lack of sanitary facilities and unhygienic practices of the occupiers of the caravans.

Visits were made once it became known that caravans were in the area, but it was difficult to clear a site within less than three or four days.

The assistance of the police stationed at Hindley and Lower Ince has had to be called for on many occasions. This assistance has always been readily given and I feel I must take this opportunity of thanking the Inspectors and Officers concerned.

Four sites were cleansed several times as a public health measure after being fouled.

During the year posts or barriers were fixed by owners to prevent access to land at Hart Street, Wright Street, Moorfield Street, Church Road, Highfield Road and Leigh Road.

I desire to tender my sincere thanks to the Chairman and members of the Public Health Committee, the Clerk, Medical Officer of Health, Surveyor, and other Officials and members of the staff for their co-operation and assistance.

I am, Lady and Gentlemen,

Yours faithfully,

JAMES T. HAMPSON,

Chief Public Health Inspector.

Engineer and Surveyor's Office,
Town Hall,
HINDLEY,

19th January, 1967.

Particulars of Rainfall recorded at Platt Bridge Sewage Works
during the year ending 31st December, 1966

Height of Rain Gauge—91.00 feet above Sea Level.

Area of Hindley—2612.182 Statute Acres.

Month.	No. of days on which rain fell.	Maximum fall in 24 hours in inches.		Total Monthly Rainfall in inches.
		Inches.	Date.	
January	7	0.38	26th	1.63
February	16	1.50	7th	5.33
March	14	0.31	26th	1.53
April	16	1.41	1st	3.92
May	15	0.61	11th	3.26
June	17	1.20	26th	4.88
July	16	0.49	28th	3.10
August	11	0.83	20th	3.43
September	8	0.82	12th	2.90
October	20	0.77	3rd	4.05
November	18	0.63	29th	3.42
December	25	0.92	1st	5.95
Totals for the year 1966	183			43.40

Total weight of rain which fell in Hindley during the year 1966:
11,440,109.80 tons

Previous Annual Rainfall in inches:

1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965
48.32	30.75	37.60	35.21	44.91	28.64	41.39	38.96	31.59	32.94	35.13	39.40

T. G. GRIME, C.Eng., M.I.Mun.E., M.I.H.E.,
Engineer and Surveyor.

